

10/518401

(19) World Intellectual Property
Organization
International Bureau

(43) International publication date
24 December 2003 (24.12.2003)

PCT

(10) International publication number
WO 03/106758 A2

(51) International patent classification⁷: D06M 15/643

(21) International application number:

PCT/FR03/01835

(22) International filing date: 17 June 2003 (17.06.2003)

(25) Language of filing: French

(26) Language of publication: French

(30) Details relating to the priority:

02/07498 18 June 2002 (18.06.2002) FR

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE,
DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS,
MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT,
LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF,
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report, will be republished as soon as
this report is received

For the two-letter codes and other abbreviations, refer to "Explanatory
notes relating to codes and abbreviations" appearing at the beginning
of each ordinary number of the PCT Gazette.

(54) Title: AQUEOUS SILICONE EMULSION FOR COATING WOVEN OR NON-WOVEN FIBROUS SUBSTRATES

(57) Abstract: The present invention relates to an aqueous emulsion of polyorganosiloxane (POS) for coating woven (textile) or non-woven substrates, which is intended to produce an elastomer after crosslinking in a thin layer, to a corresponding coating process and to the coated substrates. The object is to provide an emulsion possessing rheological properties such that it can easily be deposited on/applied to the fibrous substrate at high speed and at limited deposition rates, for example of less than 40 g/m². To achieve this object, the emulsion claimed comprises (A) a POS with ≡Si-vinyl units, (B) a POS with ≡SiH units, (C) a special adhesion promoter, (D) a catalyst, (E) at least one surfactant, (F) optionally a POS resin with ≡Si-vinyl units, (G) optionally a crosslinking inhibitor, (H) optionally a pH fixing agent, (I) optionally a formulating additive, (J) optionally a filler, (K) and water, the adhesion promoter (C) being selected from the group of compounds comprising protective hydrocolloids, hydroxylated silanes and/or POS carrying at least one hydroxyl group and at least one salified amino group per molecule, and mixtures thereof, with the proviso that the percentage by weight of the adhesion promoter (C), based on the silicone phase, is strictly in the range from 0.005 to 10%, preferably from 0.03 to 5% and particularly preferably from 0.05 to 4%.